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PATENT

Attorney Docket No. LM(F)6269

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s): Lori K. Lewis  
Rosemary D. Paradis  
Dennis A. Tillotson

For (title): SELF-OPTIMIZING CLASSIFIER

Enclosed are:

1. Papers Required for Filing Date Under 37 CFR 1.53(b):

- 37 Pages of specification  
1 Pages Abstract  
9 Pages of claims  
4 Sheets of drawing  
☒ formal (Figs. 1-5)  
☐ informal

In addition to the above papers there is also attached: one Information Disclosure Statement (2 pgs), one PTO 1449 Form (3 pgs) and 28 documents

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date July 2, 2003 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EU853429915US addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Jill Wolfe  
(Type or print name of person mailing paper)

Jill Wolfe  
(Signature of person mailing paper)

2. Declaration or oath:

- ☒ Enclosed  
☐ Not Enclosed.

3. Language:

- ☒ English  
☐ Non-English  
☐ A verified English translation of the  
☐ specification and claims  
☐ declaration  
is attached.

4. Assignment:

- ☒ An assignment of the invention to Lockheed Martin Corporation  
☒ is attached.  
☐ will follow

5. Certified Copy:

Certified copy (ies) of application (s)

(Country)	(Appln. No.)	(Filed)
(Country)	(Appln. No.)	(Filed)
(Country)	(Appln. No.)	(Filed)

from which priority is claimed

- ☐ is attached  
☐ will follow

6. **Fee Calculation:**  
(Small entity filing fee is 50% normal fee)

CLAIMS AS FILED						
Number Filed		Number Extra		Rate	Basic Fee	
					\$ 750.00	
Total Claims	21	-20 =	1	X	\$ 18.00	18.00
Independent Claims	4	-3 =	1	X	\$ 84.00	84.00
Multiple dependent claim(s), if any				+	\$280.00	

- ☐ Amendment canceling extra claims enclosed
- ☐ Amendment deleting multiple dependencies enclosed
- ☐ Fee for extra claims is not being paid at this time

Filing Fee Calculation \$852.00

7. **Small Entity Statement**

- ☐ Verified statement that this is a filing by a **small entity** under 37 CFR 1.9 and 1.27  
(Must be enclosed to get small entity filing fee reduction)

8. **Fee Payment Being Made At This Time:**

Enclosed:

- ☒ basic filing fee \$852.00
- ☒ assignment recordal fee \$ 40.00
- ☐ for processing an application with a specification in a non-English language \$
- Total fees enclosed \$892.00

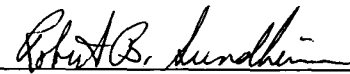
9. **Method of Payment Fees:**

- ☒ check in the amount of \$892.00 enclosed.
- ☒ The Commissioner is hereby authorized to charge any **DEFICIENCY** in the filing fees for this application to our Deposit Account No. 20-0090.

10. **Instructions As to Overpayment:**

- ☒ refund

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SIGNATURE OF ATTORNEY, REG. NO. 20,127

Robert B. Sundheim

Type or print name of attorney